

# BS6883 EPR/SW4 600/1000V

HALOGEN FREE, FLAME RETARDANT, POWER & CONTROL UNARMoured CABLES



## CABLE DESCRIPTION

Tinned Copper Class 2 or 5 Flexible Conductors, EPR insulated, LSOH (SW4) BLACK; BS6883; IEC60754 1-2 ; IEC60754 1-2 ; IEC61034 1-2; IEC60332-1 IEC60332-3 CAT A Voltage Rating 600/1000V ; Minimum Bending Radius 8xOD

## APPLICATION

These cables are used for fixed installations in all areas and on open deck in ships and offshore units

\* Ambient temperature 45 deg C

CSWL Part No	No Cores	Size mm2	OD (mm) Nominal	Weight KG/KM	Current Rating *		UKOOA CODE
CSW16MM1CBS6883WF	1	16	10.0	154	96		WF116
CSW25MM1CBS6883WF	1	25	11.8	240	127		WF125
CSW35MM1CBS6883WF	1	35	13.0	336	157		WF135
CSW50MM1CBS6883WF	1	50	14.8	480	196		WF150
CSW70MM1CBS6883WF	1	70	16.8	672	242		WF170
CSW95MM1CBS6883WF	1	95	19.0	912	293		WF195
CSW120MM1CBS6883WF	1	120	21.0	1152	339		WF10A
CSW150MM1CBS6883WF	1	150	22.5	1440	389		WF10B
CSW185MM1CBS6883WF	1	185	25.5	1776	444		WF10C
CSW240MM1CBS6883WF	1	240	28.5	2304	522		WF10D

CSWL Part No	No Cores	Size mm2	OD (mm) Nominal	Weight KG/KM	Current Rating *		UKOOA CODE
CSW1.5MM2CBS6883WF	2	1.5	9.0	29	18		WF202
CSW2.5MM2CBS6883WF	2	2.5	10.0	48	25		WF203
CSW4MM2CBS6883WF	2	4	11.8	77	33		WF204
CSW6MM2CBS6883WF	2	6	13.0	115	43		WF206
CSW10MM2CBS6883WF	2	10	15.0	192	60		WF210
CSW16MM2CBS6883WF	2	16	17.0	307	79		WF216
CSW25MM2CBS6883WF	2	25	21.0	480	104		WF225

A Dron & Dickson Group Company

**Cable Solutions**

WORLDWIDE

# HALOGEN FREE, FLAME RETARDANT, POWER & CONTROL CABLES

\* Ambient temperature 45 deg C

CSWL Part No	No Cores	Size mm2	OD (mm) Nominal	Weight KG/KM	Current Rating *		UKOOA CODE
CSW1.5MM3CBS6883WF	3	1.5	9.5	44	16		WF302
CSW2.5MM3CBS6883WF	3	2.5	10.5	72	21		WF303
CSW4MM3CBS6883WF	3	4	12.5	115	28		WF304
CSW6MM3CBS6883WF	3	6	14.0	173	36		WF306
CSW10MM3CBS6883WF	3	10	16.0	288	50		WF310
CSW16MM3CBS6883WF	3	16	18.0	461	67		WF316
CSW25MM3CBS6883WF	3	25	23.5	720	89		WF325
CSW35MM3CBS6883WF	3	35	25.5	1008	110		WF335
CSW50MM3CBS6883WF	3	50	29.5	1440	137		WF350
CSW70MM3CBS6883WF	3	70	34.0	2016	169		WF370
CSW95MM3CBS6883WF	3	95	39.0	2736	205		WF395
CSW120MM3CBS6883WF	3	120	43.0	3456	237		WF30A
CSW150MM3CBS6883WF	3	150	47.5	4320	273		WF30B
CSW185MM3CBS6883WF	3	185	53.0	5328	311		WF30C
CSW240MM3CBS6883WF	3	240	60.0	6912	366		WF30D

CSWL Part No	No Cores	Size mm2	OD (mm) Nominal	Weight KG/KM	Current Rating *		UKOOA CODE
CSW1.5MM4CBS6883WF	4	1.5	10.5	58	16		WF402
CSW2.5MM4CBS6883WF	4	2.5	11.5	96	21		WF403
CSW4MM4CBS6883WF	4	4	14.0	154	28		WF404
CSW6MM4CBS6883WF	4	6	15.5	230	36		WF406
CSW10MM4CBS6883WF	4	10	17.5	384	50		WF410
CSW16MM4CBS6883WF	4	16	21.0	614	67		WF416
CSW25MM4CBS6883WF	4	25	26.0	960	89		WF425
CSW35MM4CBS6883WF	4	35	28.5	1344	110		WF435
CSW50MM4CBS6883WF	4	50	33.0	1920	137		WF450
CSW70MM4CBS6883WF	4	70	37.5	2688	169		WF470
CSW95MM4CBS6883WF	4	95	43.0	3648	205		WF495
CSW120MM4CBS6883WF	4	120	48.0	4608	237		WF40A
CSW150MM4CBS6883WF	4	150	54.0	5760	273		WF40B
CSW185MM4CBS6883WF	4	185	59.0	7104	311		WF40C

CSWL Part No	No Cores	Size mm2	OD (mm) Nominal	Weight KG/KM	Current Rating *		UKOOA CODE
CSW1.5MM5CBS6883WF	5	1.5	11.0	72	13		WF502
CSW2.5MM5CBS6883WF	5	2.5	12.5	120	18		WF503
CSW1.5MM7CBS6883WF	7	1.5	12.5	101	12		WF702
CSW2.5MM7CBS6883WF	7	2.5	13.5	168	16		WF703
CSW1.5MM12CBS6883WF	12	1.5	16.5	173	10		WFA02
CSW2.5MM12CBS6883WF	12	2.5	18.5	288	13		WFA03
CSW1.5MM19CBS6883WF	19	1.5	19.0	274	9		WFB02
CSW2.5MM19CBS6883WF	19	2.5	21.5	456	11		WFB03
CSW1.5MM27CBS6883WF	27	1.5	23.0	389	7		WFC02
CSW2.5MM27CBS6883WF	27	2.5	26.0	533	9		WFC03

### Correction Factor for Various Ambient Air Temperatures

Ambient Temperature	35° C	40° C	45° C	50° C	55° C	60° C	65° C	70° C	75° C	80° C	85° C
Multiply Factor	1.10	1.05	1.00	0.94	0.88	0.82	0.74	0.67	0.58	0.47	-

### Core Identification

white cores with black numbering

